

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 40   | (US-20040092520-\$ or US-20060096606-\$ or US-20050016447-\$).did. or (US-4373538-\$ or US-4054145-\$ or US-4516585-\$ or US-6814080-\$ or US-6782890-\$ or US-6371126-\$ or US-5645086-\$ or US-4889138-\$ or US-5009238-\$ or US-5072742-\$ or US-5267576-\$ or US-3624748-\$ or US-3549293-\$ or US-3088467-\$ or US-3665932-\$ or US-2267326-\$ or US-3074413-\$ or US-2157801-\$ or US-4095604-\$ or US-5725102-\$ or US-4893640-\$ or US-3811585-\$ or US-3831610-\$ or US-5213820-\$ or US-7093718-\$).did. or (US-3572348-\$ or US-2643768-\$ or US-3034646-\$ or US-2246914-\$ or US-1838193-\$).did. or (DE-4212001-\$ or DE-19505466-\$).did. or (WO-9000019-\$ or EP-274247-\$ or SU-1639776-\$ or EP-332031-\$ or DD-251247-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT                  | OR               | ON      | 2006/09/29 09:10 |
| L2    | 0    | "03090021".1.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/29 09:35 |
| L3    | 2    | "03090021".did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/29 09:35 |
| S1    | 0    | ("217755" "0034040" "4889138").PN.).PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/09/25 15:11 |
| S2    | 6    | ("0217755" "0034040" "4889138").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/09/25 15:11 |
| S3    | 3    | ("0217755" "0034040" "4889138").PN.   | USPAT   | OR               | ON      | 2006/09/25 15:15 |
| S4    | 2    | "20030217755" "20030034040"   | US-PGPUB;<br>USPAT  | OR               | ON      | 2006/09/25 15:46 |

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|     |       |   |   |    |     |                  |
|-----|-------|---|---|----|-----|------------------|
| S5  | 4     | ("4524781" "4607645" "4889138" "5009238").PN.   | US-PGPUB;<br>USPAT  | OR | ON  | 2006/09/25 16:04 |
| S6  | 301   | 131/110.ccls.   | USPAT   | OR | ON  | 2006/09/25 17:53 |
| S7  | 0     | "10140309".did.   | USPAT   | OR | ON  | 2006/09/25 16:39 |
| S8  | 4     | "10140309".did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 16:39 |
| S9  | 14478 | (Tobacco cigarette) and (sifter sieve separate split) and (shaft duct tube pipe conduit channel) and (convey carry transport)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 17:58 |
| S10 | 45    | (Tobacco cigarette) near40 (sifter sieve separate split) near40 (shaft duct tube pipe conduit channel) near40 (convey carry transport)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/09/25 17:58 |
| S11 | 1     | ("6782890").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/09/25 18:18 |
| S12 | 5     | ("4893640"   "5072742"   "5526826"   "5645086"   "5725102").PN. OR ("6782890").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/25 18:19 |
| S13 | 23    | (US-20060096606-\$).did. or (US-4889138-\$ or US-5009238-\$ or US-6814080-\$ or US-6782890-\$ or US-6371126-\$ or US-5645086-\$ or US-5267576-\$ or US-5072742-\$ or US-3624748-\$ or US-3665932-\$ or US-3549293-\$ or US-3088467-\$ or US-3074413-\$ or US-2267326-\$ or US-2157801-\$ or US-4095604-\$ or US-4893640-\$ or US-5725102-\$). did. or (US-2643768-\$ or US-2246914-\$ or US-1838193-\$ or US-3034646-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/26 09:43 |
| S14 | 0     | S13 and additive  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/26 09:43 |
| S15 | 0     | S13 and add   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/09/26 09:43 |

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|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S17 | 8223    | (Tobacco cigarette) and (sifter sieve separate split) and additive   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 09:45 |
| S18 | 20      | (Tobacco cigarette) near10 (sifter sieve separate split) near10 additive   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:01 |
| S19 | 5       | (Tobacco cigarette) near10 (sifter sieve separate split) near10 (add near3 (filler or tobacco))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:04 |
| S20 | 12      | (Tobacco cigarette) near10 (sifter sieve separate split) near10 ((additive add) near10 (filler or tobacco))        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:08 |
| S21 | 13      | (Tobacco cigarette) near10 (sifter sieve separate split) near10 ((additive add cloves) near10 (filler or tobacco)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:09 |
| S22 | 2185    | "l13" not "l12"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:09 |
| S23 | 5763656 | l not S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:10 |
| S24 | 1       | S21 not S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:12 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S25 | 738      | (Tobacco cigarette) near10<br>(component element constituent part) near10 (mix combine blend)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:18 |
| S26 | 606      | (Tobacco cigarette) near4<br>(component element constituent part) near4 (mix combine blend)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:18 |
| S27 | 462      | (Tobacco cigarette) near2<br>(component element constituent part) near2 (mix combine blend)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:20 |
| S28 | 9        | (Tobacco cigarette) near5<br>(component element constituent part) near5 (mix combine blend)<br>near5 (add additive)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:24 |
| S29 | 14599985 | (Tobacco cigarette) near5<br>(incorporate include integrate)<br>(component element constituent part additive add)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:26 |
| S30 | 885      | (Tobacco cigarette) near5<br>(incorporate include integrate)<br>near5 (component element constituent part additive add) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:32 |
| S31 | 364      | ((additive add) and (Tobacco cigarette)).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:33 |
| S32 | 1197     | ((additive add) and (Tobacco cigarette)).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/26 10:33 |

## EAST Search History

|     |         |   |   |     |    |                  |
|-----|---------|---|---|-----|----|------------------|
| S33 | 0       | ((additive add) and (Tobacco cigarette)).ab. and "131".ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/26 10:34 |
| S34 | 202     | ((additive add) and (Tobacco cigarette)).ab. and "131"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/26 10:36 |
| S35 | 255     | ((additive add) and (Tobacco cigarette) and method).ab.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/26 10:44 |
| S36 | 3       | zig and sifter and tobacco                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/26 10:44 |
| S37 | 0       | (tobacco near3 blend near3 method).ab.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/26 11:23 |
| S38 | 5141975 | (tobacco blend method).ab.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/26 11:24 |
| S39 | 0       | (tobacco blend method).ab.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/09/26 11:24 |
| S40 | 48      | (tobacco blend method).ab.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/09/26 11:28 |

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|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S41 | 107  | (tobacco blending!).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2006/09/26 11:29 |
| S42 | 7959 | ((Tobacco cigarette) and (additive add mix combine incorporate include integrate)).ab.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/27 07:56 |
| S43 | 6170 | ((additive add mix combine incorporate include integrate) and ((Tobacco cigarette rod) adj10 (machine device apparatus))).ab.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/27 07:57 |
| S44 | 1816 | ((additive add mix combine incorporate include integrate) near10 ((Tobacco cigarette rod) adj10 (machine device apparatus))).ab. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/27 07:58 |
| S45 | 1166 | ((additive add mix combine incorporate include integrate) near3 ((Tobacco cigarette rod) adj10 (machine device apparatus))).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/27 07:59 |
| S46 | 5    | ((additive) near3 ((Tobacco cigarette rod) adj10 (machine device apparatus))).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/27 08:00 |
| S47 | 11   | ((additive) and ((Tobacco cigarette rod) adj10 (machine device apparatus))).ti.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/27 08:01 |
| S48 | 116  | ((additive) and ((Tobacco cigarette rod) adj10 (machine device apparatus))).ab.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2006/09/27 09:04 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S49 | 801 | (zigzag or zig adj zag) adj20 (sift sieve separate split)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 09:12 |
| S50 | 197 | (zigzag or zig adj zag) adj3 (sift sieve separate classify sort)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 09:13 |
| S51 | 75  | (zigzag or zig adj zag) adj (sift sieve separate classify sort)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 10:06 |
| S52 | 12  | (Tobacco cigarette) near5 (additive add mix combine blend incorporate include integrate) near5 cloves | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 10:10 |
| S53 | 2   | ((Tobacco cigarette rod) adj10 (machine device apparatus)) near10 clove                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 10:12 |
| S54 | 4   | ((Tobacco cigarette rod) adj10 (machine device apparatus)) near40 clove                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:20 |
| S55 | 2   | sifter near5 (multiple many several compound numerous) near5 (feed supply input enter)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:24 |
| S56 | 8   | sifter near10 (multiple many several compound numerous) near10 (feed supply input enter)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:33 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S57 | 7937 | (sift sieve separate split classify categorize sort) near10 (multiple many several compound numerous) near10 (feed supply input enter)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:33 |
| S58 | 3931 | (sift sieve separate split classify categorize sort) near5 (multiple many several compound numerous) near5 (feed supply input enter)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:37 |
| S59 | 591  | (sift sieve separate split classify categorize sort) near5 (multiple many several compound numerous) adj (feed supply input enter)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:40 |
| S60 | 112  | (sift sieve split classify categorize sort) near5 (multiple many several compound numerous) adj (feed supply input enter)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:44 |
| S61 | 36   | (sift sieve classify categorize sort) near5 (multiple many several compound numerous) adj (feed supply input enter)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/09/27 13:44 |
| S62 | 687  | (additive add mix combine blend incorporate include integrate) near10 (additive add) near50 (Tobacco cigarette)                                | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/09/28 08:16 |
| S63 | 631  | (additive add mix combine blend incorporate include integrate) near10 (additive add) near10 (Tobacco cigarette)                                | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/09/28 08:16 |
| S64 | 14   | (additive add mix combine blend incorporate include integrate) near10 anywhere near10 (Tobacco cigarette)                                      | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/09/28 08:26 |
| S65 | 21   | ((additive add mix combine blend incorporate include integrate feed supply input enter) near10 (anywhere wherever)) near30 (Tobacco cigarette) | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/09/28 08:28 |



## EAST Search History

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S66 | 309 | (131/352.ccls. 131/347.ccls.) and<br>(additive add mix combine blend<br>incorporate include integrate feed<br>supply input enter) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/09/28 08:29 |
|-----|-----|---|------------------------------|----|----|------------------|